

## CLAIMS

1. A flow measurement device, comprising:

a flow path in which a fluid to be measured;

a flow sensor provided on a wall surface of the flow path; and

5 a member having minimal cross-section flow path, the member being disposed at the downstream of the flow sensor.

2. The flow measurement device as in Claim 1, wherein the member having minimal cross-section flow path is a perforated plate having an aperture as the  
10 minimal cross-section flow path.

3. The flow measurement device as in Claim 1, wherein a mesh is disposed at the upstream side of the member having minimal cross-section flow path.

15 4. The flow measurement device as in Claim 2, wherein the aperture is eccentric with respect to the center of the flow path.

5. The flow measurement device as in Claim 2, wherein the aperture comprises a plurality of apertures.  
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6. The flow measurement device as in Claim 2, wherein the aperture comprises a plurality of apertures disposed like a mesh.

7. The flow measurement device as in Claim 2, wherein the perforated plate  
25 comprises a plurality of plates.

8. The flow measurement device as in Claim 7, wherein the plurality of plates are spaced by a specified distance.

5 9. The flow measurement device as in Claim 2, wherein the shape of the cross section of the aperture in a axial direction is oblique with respect to a axial line of the flow path.

10 10. The flow measurement device as in Claim 2, wherein the aperture is etched from both sides or one side.

11. The flow measurement device as in Claim 2, wherein the aperture the aperture is beveled from both sides or one side.

15 12. The flow measurement device as in Claim 2, wherein the perforated plate is a plane.

13. The flow measurement device as in Claim 2, wherein the perforated plate is a sphere protruding toward the upstream side or downstream side.

20 14. The flow measurement device as in Claim 2, wherein the perforated plate is a material having flexibility or elasticity that is possible to deform in a flow direction.

25 15. The flow measurement device as in Claim 1, wherein the member having minimal cross-section flow path is a foamed body or a sintered body which has a

plurality of non-linear continuous flow paths inside.

16. The flow measurement device as in Claim 1, wherein the member having minimal cross-section flow path is a member combined with a number of pipes.